

# 12.57.CT □ NGV Filter Cartridge

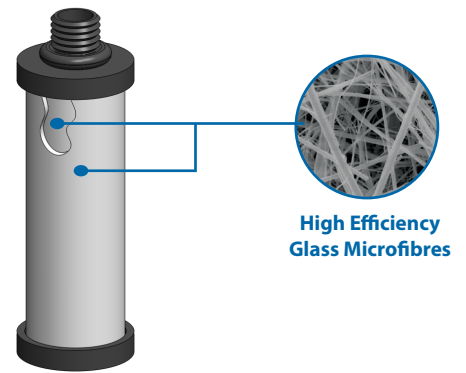
Disposable bonded microfibre filter elements are manufactured from precise mixtures of borosilicate glass microfibres to the very highest standards of quality control.

These elements offer exceptional filtration efficiency at very low pressure drops and being +90% void volume they give a very long service life.

A choice of grades give a coalescing efficiency of 99.97% or 95% removal of 0.3 micron aerosols and droplets. Solid particles are also removed at the same efficiency levels.

Two-layer coalescing filter elements are bonded with a silica binder to impart high strength and eliminate fibre shedding.

The filter media is bonded between two end caps with a Nitrile o-ring seal at the open end.



**High Efficiency  
Glass Microfibres**

**12.57.CT □ NGV Filter Cartridge**

## Technical Specifications

### Filter Cartridge Type

### 12.57.CT5CS

### 12.57.CT7CS

Coalescing Efficiency	99.97% of 0.3 micron	95% of 0.3 micron
Initial Differential Pressure (1)	2.9 Psi	2.9 Psi
Flow Rate at 100 psi	280 lts/min	425 lts/min
Maximum Temperature, °F	-105°F to +255°F	-105°F to +255°F

### Materials of Construction

Filter Media	Borosilicate Glass Microfibres	Borosilicate Glass Microfibres
Binder	S Type (Silica)	S Type (Silica)
Top Seal	Nitrile (NBR)	Nitrile (NBR)
End Caps	Nylon	Nylon

### Principal Dimensions in inches

Diameter	0.90	0.90
Height	2.70	2.70

### Notes

(1) Initial pressure drop includes the filter housing



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